

(FILE 'USPAT' ENTERED AT 09:07:39 ON 17 JUL 1997)

L1 2387 S PARTITION (3A) (DATA OR ID OR ADDRESS OR AREA# OR REGION#
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L2 4693 S MANAGEMENT (3A) (DATA OR AREA# OR REGION#)
L3 40838 S (RECORDING OR WRITING) (3A) (DATA OR AREA# OR REGION#)
L4 6 S ERAS? (15A) L1
L5 39309 S ERAS?
L6 13 S L1 (P) L2
L7 53 S L1 (P) L3
L8 298 S L2 (P) L3
L9 1 S L6 AND L7 AND L8
L10 4 S L7 AND L8
L11 19 S L1 AND L2 AND L3 AND L5
FILE 'JPO' ENTERED AT 09:20:51 ON 17 JUL 1997
L12 0 S L11

1. 5,625,611, Apr. 29, 1997, Method of recording on a recording medium employing an automatic updating of management data by monitoring the signal being recorded; Teppei Yokota, et al., **369/47**, **32**, **53** [IMAGE AVAILABLE]
2. 5,619,483, Apr. 8, 1997, Method of recording on a recording medium employing an automatic termination of recording by monitoring the signal being recorded; Teppei Yokota, et al., **369/47**, **53**, **54**, **58** [IMAGE AVAILABLE]
3. 5,617,393, Apr. 1, 1997, Optical disk having an erased-state indicator and optical disk apparatus for reducing frequency of disk erasing operation; Satoshi Itami, et al., **369/58**, **48**, **54** [IMAGE AVAILABLE]
4. 5,617,383, Apr. 1, 1997, Optical disk device capable of displaying the whole capacity and the reproduction position on the optical disk; Kissei Matsumoto, et al., **369/32**, **54**, **56** [IMAGE AVAILABLE]
5. 5,617,380, Apr. 1, 1997, Apparatus and method for drive management for multi-pass storage devices; David Holmstrom, **369/14**, **54**, **275.1** [IMAGE AVAILABLE]
6. 5,613,112, Mar. 18, 1997, Management of recordable area for TOC (table of contents) and recording or recording/reproducing apparatus for performing recording action based on the same TOC information; Hideki Nagashima, 395/616; **369/32** [IMAGE AVAILABLE]
7. 5,608,710, Mar. 4, 1997, Phase changing recording medium with amorphous points each formed by a pair of high power and low recording pulses; Hiroyuki Minemura, et al., **369/116**, **54**, **275.2** [IMAGE AVAILABLE]
8. 5,581,539, Dec. 3, 1996, Optical recording medium; Michikazu Horie, et al., **369/275.4**, **275.1** [IMAGE AVAILABLE]
9. 5,559,780, Sep. 24, 1996, Recording apparatus for an optical recording medium; Yasuaki Maeda, et al., **369/54**, **58** [IMAGE AVAILABLE]
10. 5,553,048, Sep. 3, 1996, Memory control device and reproducing and/or recording apparatus; Yasuaki Maeda, **369/60**, **48**, **124** [IMAGE AVAILABLE]
11. 5,544,137, Aug. 6, 1996, Optical disc record/playback apparatus; Shunji Ohara, et al., **369/54**, **116**, **275.1** [IMAGE AVAILABLE]

12. 5,541,900, Jul. 30, 1996, Optical information recording and reproducing apparatus and method for different spot size type media; Motoshi Ito, et al., **369/44.31**, **44.29**, **54**, **58** [IMAGE AVAILABLE]
13. 5,519,681, May 21, 1996, Recording medium reproducing apparatus that identifies a channel of reproduced data; Yasuaki Maeda, et al., **369/49**, 360/53; **369/48**, **54**, **59**, **60** [IMAGE AVAILABLE]
14. 5,477,516, Dec. 19, 1995, Reproducing apparatus for accessing track segments in the forward and reverse directions; Masayuki Takezawa, **369/48**, **32** [IMAGE AVAILABLE]
15. 5,471,452, Nov. 28, 1995, Method of editing information signals recorded on recording medium; Yoshio Kishi, **369/83**, 360/13, 15; **369/58**, **84** [IMAGE AVAILABLE]
16. 5,444,681, Aug. 22, 1995, Method and apparatus for recording signals with sub-signals indicative of outline of the signals; Koji Ishiwata, et al., **369/32**, **47** [IMAGE AVAILABLE]
17. 5,442,611, Aug. 15, 1995, Method of recording information on record medium having data record region and file management information record region; Naoki Hosaka, **369/48**, **47**, **58**, **59** [IMAGE AVAILABLE]
18. 5,434,838, Jul. 18, 1995, Data recording apparatus and method with verification of optical disc; Norihisa Haneda, **369/58**, **32**, **44.25** [IMAGE AVAILABLE]
19. 5,422,871, Jun. 6, 1995, Method and apparatus for producing an optical disk having a read-only area and a rewritable area; Kazuo Nakashima, et al., **369/47**, **48**, **54**, **58** [IMAGE AVAILABLE]
20. 5,410,527, Apr. 25, 1995, Information recording/reproducing apparatus including setting optimum recording condition or reproducing condition; Takaaki Ashinuma, **369/50**, **13**, **54**, **58**, **116** [IMAGE AVAILABLE]
21. 5,404,357, Apr. 4, 1995, Information writing and reading apparatus; Motoshi Ito, et al., 371/21.2; **369/44.27**, 371/10.2 [IMAGE AVAILABLE]
22. 5,392,265, Feb. 21, 1995, Recording and reproducing apparatus which calculates and displays management information of recorded segments; Masayuki Takezawa, **369/32**, **47**, **54** [IMAGE AVAILABLE]

23. 5,303,219, Apr. 12, 1994, Reclamation of dust contaminated sectors in optical disk apparatus; John E. Kulakowski, et al., **369/54**, **48**, **50**, **56**, **58** [IMAGE AVAILABLE]
24. 5,132,853, Jul. 21, 1992, Allocation procedures for optical disk recorders; John E. Kulakowski, et al., 360/48, 66; **369/59** [IMAGE AVAILABLE]
25. 5,107,481, Apr. 21, 1992, Recording area management system for writable type optional disk; Tadashi Miki, et al., **369/59**; 360/48; ~~**369/58**~~ [IMAGE AVAILABLE]
26. 5,077,720, Dec. 31, 1991, Optical information recording and reproducing system and optical disk; Yuji Takagi, et al., **369/59**; 371/51.1 [IMAGE AVAILABLE]
27. 5,068,842, Nov. 26, 1991, Control method of disk drive for recordable optical disk; Ryuich Naito, **369/32**, **48** [IMAGE AVAILABLE]
28. 5,042,022, Aug. 20, 1991, Optical disk recording/reproducing apparatus with synchronized data writing; Hiroshi Ogawa, **369/47**, **54**, **58**, **116** [IMAGE AVAILABLE]
29. 5,025,432, Jun. 18, 1991, Autochanger of writable discs including a non-volatile memory for storing most recent defect management information relating to the writable discs; Ryuichi Naito, **369/36**, **34**, **85** [IMAGE AVAILABLE]
30. 5,025,431, Jun. 18, 1991, Autochanger of writable discs; Ryuichi Naito, **369/36**; 364/236.2, 238.4, 245, 245.3, 246, 246.3, 248.1, 249, 249.2, 249.4, 249.6, 280.2, DIG.1; **369/34**, **178** [IMAGE AVAILABLE]
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1. 5,638,346, Jun. 10, 1997, Magneto-optical reproducing apparatus having a jog dial track number selector; Junichi Aramaki, 369/32; 360/78.04; 386/1 [IMAGE AVAILABLE]

2. 5,535,125, Jul. 9, 1996, Navigation system data recordable by user, recording medium thereof, and methods for recording/reproducing to/from the same; Masanobu Okabe, 364/449.5; 340/995; 364/449.7; 369/275.3 [IMAGE AVAILABLE]

3. 5,434,838, Jul. 18, 1995, Data recording apparatus and method with verification of optical disc; Norihisa Haneda, 369/58, 32, 44.25 [IMAGE AVAILABLE]

4. 5,210,734, May 11, 1993, Information management method for appendage type additional information recording medium; Yukimitsu Sakurai, 369/49, 32 [IMAGE AVAILABLE]

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